

1. Product and Company Identification

Product Code: LFGRPCLRWSR
Product Name: Rebel Spot Assassin Water Spot Remover
Trade Name: RENEGADE PRODUCTS
Company Name: Maverick Abrasives
4340 E. Miraloma Ave
Anaheim, CA 92807
Web site address: www.renegadeproductsusa.com
Email address: cs@renegadeproductsusa.com
Emergency Contact: INFOTRAC (800)535-5053
Information: Contract #914-39
Part Number: LFGRPCLRWSR24, LFGRPCLRWSR1GAL

2. Hazards Identification

Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: **Warning**
GHS Hazard Phrases: H316 - Causes mild skin irritation.
H320 - Causes eye irritation.
GHS Precautionary Phrases: P264 - Wash hands thoroughly after handling.
GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+313 - If skin irritation occurs, get medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.
GHS Storage and Disposal Phrases: No phrases apply.
OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS. Lachrymator.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration | |
|----------|--------------------------------------|---------------|--|
| 64-19-7 | Acetic acid | < 2.5 % | |
| 111-76-2 | Glycol ether EB | < 0.5 % | |

4. First Aid Measures

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| Emergency and First Aid Procedures: | Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. |
| In Case of Inhalation: | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. |
| In Case of Skin Contact: | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. |
| In Case of Eye Contact: | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital. |
| In Case of Ingestion: | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
| Signs and Symptoms Of Exposure: | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 |
| Indication of any immediate medical attention and special treatment needed: | No data available. |

5. Fire Fighting Measures

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|--|---|
| Flash Pt: | 49.00 C (120.2 F) Method Used: Closed Cup |
| Explosive Limits: | LEL: No data. UEL: No data. |
| Autoignition Pt: | 316.00 C (600.8 F) |
| Suitable Extinguishing Media: | Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. |
| Fire Fighting Instructions: | Wear self contained breathing apparatus for fire fighting if necessary. Further information: |
| Flammable Properties and Hazards: | Carbon oxides. |
| Hazardous Combustion Products: | No data available. |

6. Accidental Release Measures

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| Protective Precautions, Protective Equipment and Emergency Procedures: | Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8. |
| Environmental Precautions: | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. |
| Steps To Be Taken In Case Material Is Released Or Spilled: | Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). |

7. Handling and Storage

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| Precautions To Be Taken in Handling: | Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. |
| Precautions To Be Taken in Storing: | Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable liquids |
| Other Precautions: | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. |

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|----------|-----------------------|-------------|-----------------------------|--------------|
| 64-19-7 | Acetic acid | PEL: 10 ppm | TLV: 10 ppm STEL: 15 ppm | No data. |
| 111-76-2 | Glycol ether EB | PEL: 50 ppm | TLV: 20 ppm | No data. |

| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
|----------|-----------------|----------------------|---|-----------|
| 64-19-7 | Acetic acid | California, USA PELs | TWA: 25 mg/m3 (10 ppm) STEL: 37 mg/m3 (15 ppm) CEIL: 40 ppm | |
| | | NIOSH | TWA: 10 ppm STEL: 15 ppm | |
| 111-76-2 | Glycol ether EB | California, USA PELs | TWA: 97 mg/m3 (20 ppm) | |
| | | NIOSH | TWA: 5 ppm | |

Personal Protective Equipment Symbols:



Respiratory Equipment (Specify Type):

Respiratory: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection:

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Protective Gloves:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.

Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: ? min.

Material: Nature latex/chloroprene. Minimum layer thickness: 0.6 mm Break through time: 60 min.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Other Protective Clothing:

Complete suit protecting against chemicals. Flame retardant antistatic protective clothing.

Engineering Controls (Ventilation etc.):

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Environmental Exposure Controls:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

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|---|--|
| Physical States: | [] Gas [X] Liquid [] Solid |
| Appearance and Odor: | Liquid. Vinegar-like odor. Pine-Minty Scent. |
| pH: | 4 |
| Melting Point: | -73.00 C (-99.4 F) |
| Boiling Point: | 138.00 C (280.4 F) - 140.00 C (284.0 F) |
| Flash Pt: | 49.00 C (120.2 F) Method Used: Closed Cup |
| Evaporation Rate: | No data. |
| Flammability (solid, gas): | No data available. |
| Explosive Limits: | LEL: No data. UEL: No data. |
| Vapor Pressure (vs. Air or mm Hg): | No data. |
| Vapor Density (vs. Air = 1): | No data. |
| Specific Gravity (Water = 1): | 1.08 |
| Density: | 8.683 LB/GA at 77.0 F (25.0 C) |
| Solubility in Water: | 100% |
| Octanol/Water Partition Coefficient: | No data. |
| Percent Volatile: | 1.0 % by weight. |
| Autoignition Pt: | 316.00 C (600.8 F) |
| Decomposition Temperature: | No data. |
| Viscosity: | No data. |

10. Stability and Reactivity

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|---|---|
| Reactivity: | No data available. |
| Stability: | Unstable [] Stable [X] |
| Conditions To Avoid - Instability: | Heat, flames and sparks. |
| Incompatibility - Materials To Avoid: | acids, Alcohols, Bases, Oxidizing agents, Reducing agents, Powdered metals. |
| Hazardous Decomposition or Byproducts: | No data available. In the event of fire: see section 5. |
| Possibility of Hazardous Reactions: | Will occur [] Will not occur [X] |
| Conditions To Avoid - Hazardous Reactions: | No data available. |

11. Toxicological Information

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| Toxicological Information: | Acute toxicity. |
| Irritation or Corrosion: | Germ cell mutagenicity: No data available. Reproductive toxicity. Aspiration hazard: Skin corrosion/irritation. Skin. in vitro assay Result: Causes burns. Serious eye damage/eye irritation: Eyes. Rabbit. |
| Sensitization: | No data available. |
| Chronic Toxicological Effects: | Specific target organ toxicity - single exposure: No data available. Specific target organ toxicity -repeated exposure: no data available. |
| Carcinogenicity/Other Information: | IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. |
| Carcinogenicity: | NTP? No IARC Monographs? No OSHA Regulated? No |

12. Ecological Information

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|--|---|
| Results of PBT and vPvB assessment: | No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted. |
| Persistence and Degradability: | Biodegradability: Zahn-Wellens Test. Exposure Time: 5 Result: Readily biodegradable. |
| Bioaccumulative Potential: | No bioaccumulation is to be expected (log Pow <= 4). |
| Mobility in Soil: | No data available. |
| Other adverse effects: | No data available. |

13. Disposal Considerations

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|-------------------------------|---|
| Waste Disposal Method: | Dispose of contents/container to in accordance with all applicable local, state, and federal regulations. The generations of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incinerators or landfill should be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. See Section 8 for information on appropriate personal protective equipment. |
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|----------|--------------------------------------|--------------|-------------|---------------|
| 64-19-7 | Acetic acid | No | Yes 5000 LB | No |
| 111-76-2 | Glycol ether EB | No | No | Yes-Cat. N230 |

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

| | |
|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Serious eye damage or eye irritation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC) |
|---|--|

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|----------|--------------------------------------|--|
| 64-19-7 | Acetic acid | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8 |
| 111-76-2 | Glycol ether EB | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8 |

16. Other Information

Revision Date: 05/01/2019

Hazard Rating System:

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|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL | 0 |
| PPE | B |

HMIS:

Additional Information About No data available.

This Product:

Company Policy or Disclaimer:

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